



Recombinant Rat GAMT Protein Product Manual

1. Product Basic Information

Product No.: REP06954

Protein Name: Epididymis Secretory Protein Li 20 (GAMT)

Aliases: PIG2; CCDS2; TP53I2; HEL-S-20; epididymis secretory protein Li 20; guanidinoacetate N-methyltransferase

UniProt ID: Q14353

UniProt Link: <https://www.uniprot.org/uniprotkb/Q14353/entry>

Species Source: Rattus norvegicus (Rat)

Expression System: E.coli

Protein Length: Full Length (1-236aa)

Molecular Weight: 30.4kDa

Protein Tag: N-terminal 6xHis-tagged

2. Amino Acid Sequence (1-236aa)

MSSSAASPLFAPGEDCGPAWRAAPAAYDTS DTHLQILGKPVMERWETPYMHSLAA
AAASRGGRVLEVGFGMAIAASRVQQAPIKEHWIIECNDGVFQRLQNWALKQPHKVV
PLKGLWEEEEAPTLDPDGHFDGILYDTYPLSEETWHTHQFNFIKTHAFRLLKPGGILTY
CNLTSWGELMKS KYTDITAMFEETQVPALLEAGFQRENICTEVMALVPPADCRYYA
FPQMITPLVTKH

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the

5. Product Description

This product is a recombinant Rat GAMT full length protein (1-236aa) expressed in E.coli. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. GAMT, also known as PIG2 or CCDS2 or TP53I2, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.